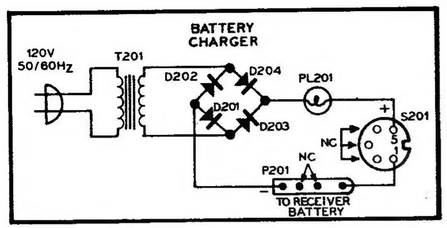
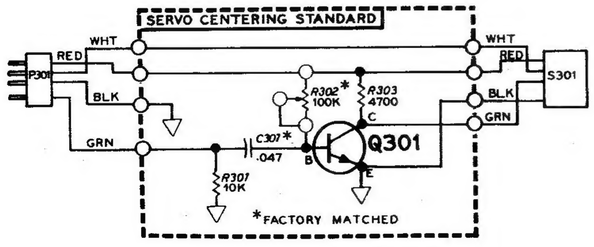




(**) TRANSISTORS Q3 THROUGH Q10 OPERATE IN MONOSTABLE TIMER CIRCUITS. THE WAVEFORMS SHOWN FOR TRANSISTOR Q3 ALSO APPLY FOR TRANSISTORS Q4 THROUGH Q10

SCHEMATIC OF THE

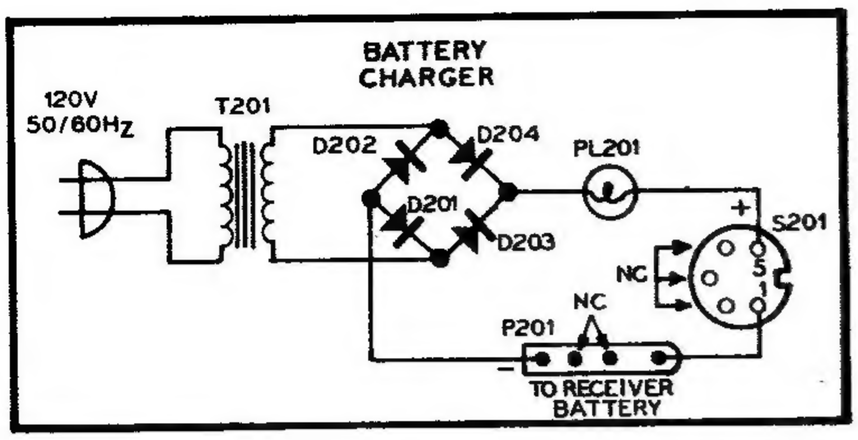
HEATHKIT

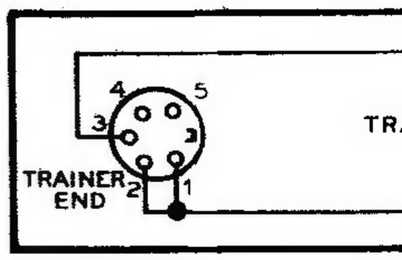
8-CHANNEL DIGITAL PROPORTIONAL TRANSMITTER

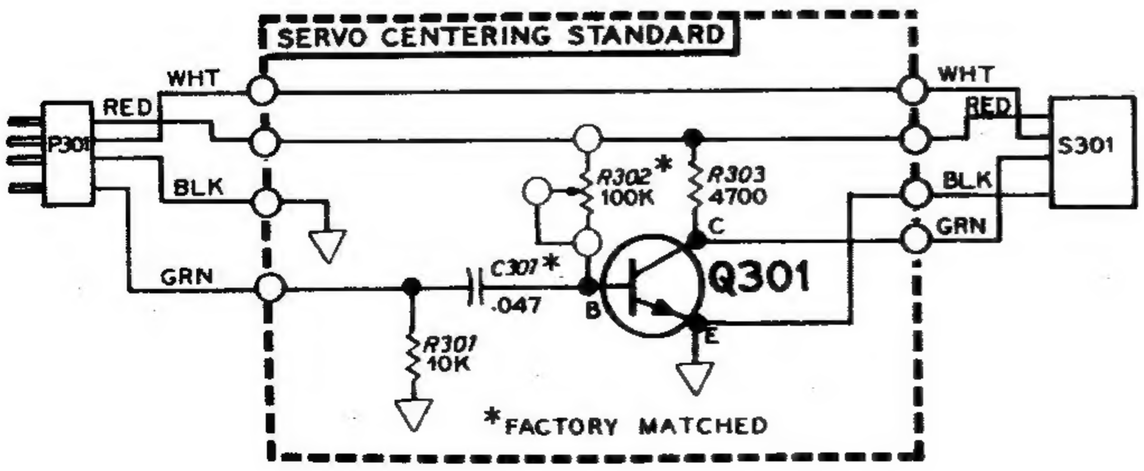
MODEL GDA-1205-D

NOTES:

1. COMPONENT NUMBERS ARE IN THE FOLLOWING GROUPS:
   - 1 - 99 PARTS MOUNTED ON THE ENCODER CIRCUIT BOARD.
   - 101 - 199 PARTS MOUNTED ON THE TRANSMITTER CASE.
   - 201 - 299 PARTS MOUNTED IN THE BATTERY CHARGER.
   - 301 - 399 PARTS MOUNTED ON THE SERVO CENTERING STANDARD CIRCUIT BOARD.
2. ALL RESISTORS ARE 1/4-WATT, 10% TOLERANCE UNLESS NOTED OTHERWISE. RESISTOR VALUES ARE IN OHMS (K=1000).
3. ALL CAPACITOR VALUES LESS THAN 1 ARE IN µF, VALUES OF 1 AND ABOVE ARE IN pF UNLESS NOTED OTHERWISE.
4. (TP) THIS SYMBOL INDICATES A TEST POINT.
5. (○) THIS SYMBOL INDICATES A DC VOLTAGE MEASURED FROM THE POINT INDICATED TO CHASSIS. ALL VOLTAGES WERE MEASURED WITH A HIGH INPUT IMPEDANCE VOLTMETER. VOLTAGES MAY VARY ±20%.
6. ALL MEASUREMENTS WERE MADE WITH A BATTERY VOLTAGE OF 9.6VDC.
7. REFER TO THE CHASSIS PHOTOGRAPH AND CIRCUIT BOARD X-RAY VIEWS FOR THE PHYSICAL LOCATION OF PARTS.







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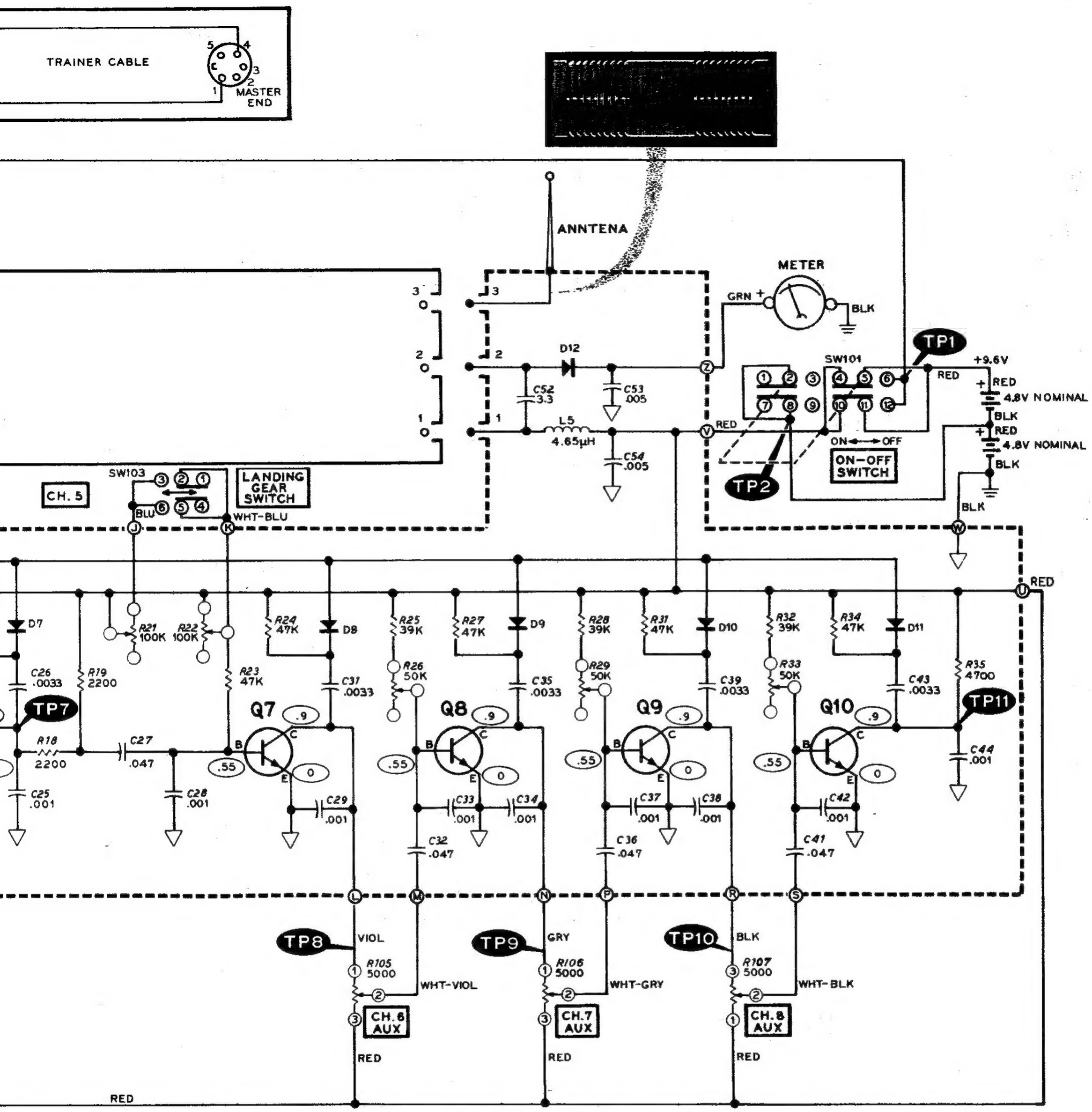
SCHEMATIC OF THE
HEATHKIT
8-CHANNEL DIGITAL PROPORTIONAL TRANSMITTER
MODEL GDA-1205-D

NOTES:

1. COM
   1
   101
   201
   301
2. ALL
   NOT
3. ALL
   AND
4. TP



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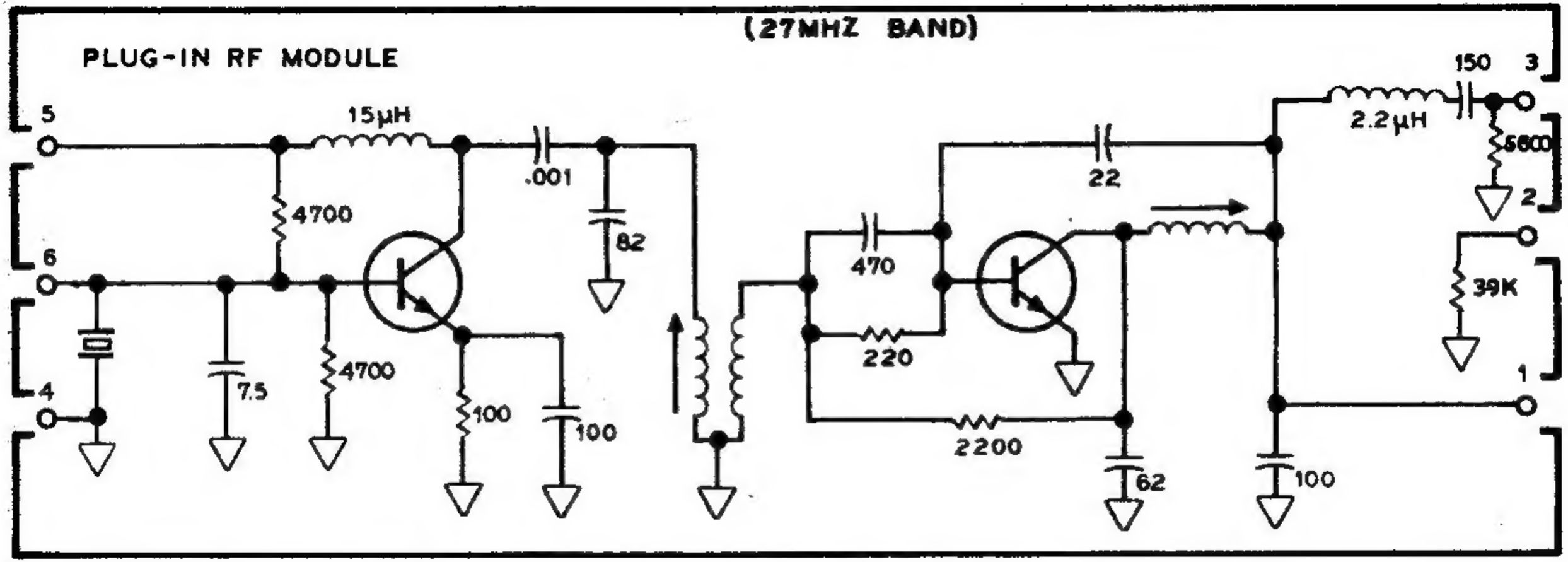
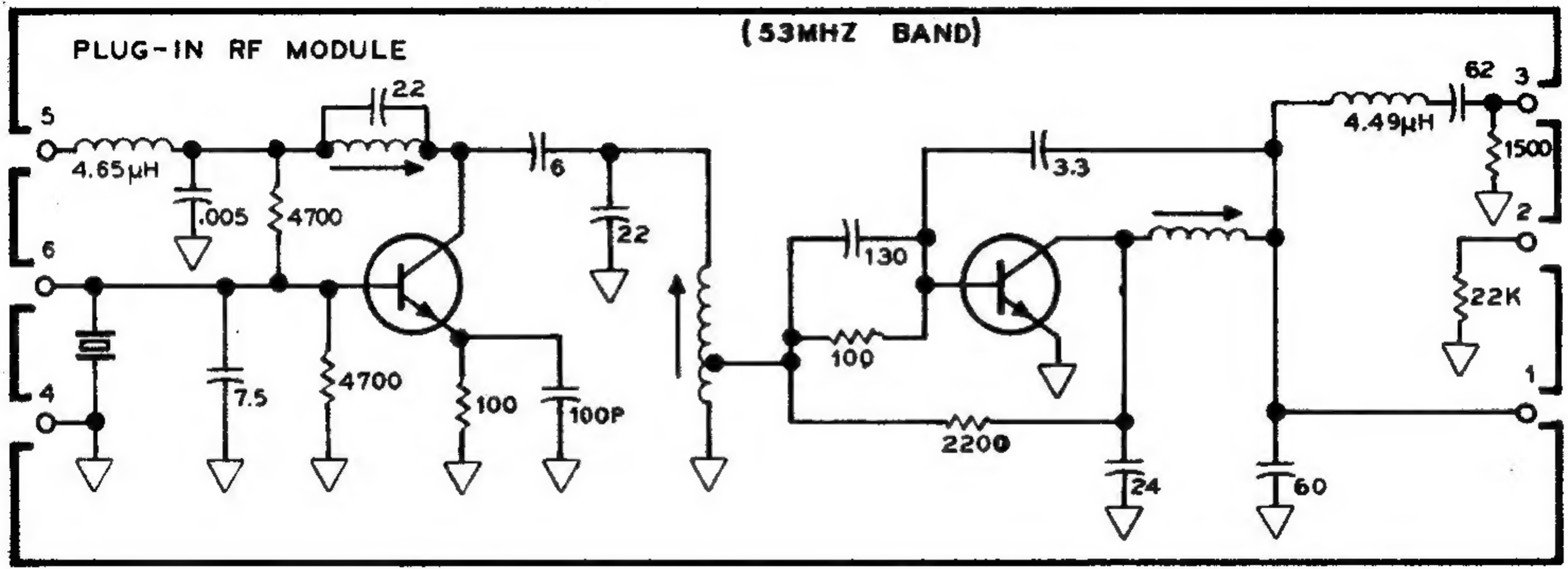

PLUG-IN RF MODULE
(27MHZ BAND)
5
6
4
15µH
4700
.001
82
7.5
4700
100
100
470
220
22
2200
62
100
150
3
2.2µH
560Ω
2
39K
1


PLUG-IN RF MODULE
(53MHZ BAND)
5
6
4
4.65µH
.005
22
4700
6
22
7.5
4700
100
100P
130
3.3
100
2200
24
60
62
4.49µH
3
1500
2
22K
1

PLUG-IN RF MODULE

(72MHZ BAND)